

**Appendix D**  
**DESCIM Data Model: hsm00045**

ENTITY NAME	ENTITY DEFINITION	TABLE NAME	ATTRIBUTE (LOGICAL)	ATTRIBUTE (PHYSICAL)	ATTRIBUTE DEFINITION
CHEMICAL(4)	AN ELEMENT OR COMPOUND	gcas	CHEMICAL IDENTIFIER(4)	gcas_cas	The identifier that represents a Chemical. Identical to the Chemical Abstract Service Number.
			CHEMICAL PHYSICAL HAZARD CATEGORY NAME(4)	PHYSICAL_HAZARD_CA	The name of the physical hazard category primarily associated with this chemical.
			CHEMICAL NAME(4)	CHMCL_NM	THE NAME OF A CHEMICAL
			CHEMICAL IMMEDIATE HAZARD CODE(4)	gcas_hz_type_imm	The code that represents that the chemical can present an immediate hazard.
			CHEMICAL DELAYED HAZARD CODE(4)	gcas_hz_type_delay	The code that represents that the chemical can present a delayed hazard.
			CHEMICAL FIRE HAZARD CODE(4)	gcas_hz_type_fire	The code that represents that this item represents a potential fire hazard.
			CHEMICAL PRESSURE HAZARD CODE(4)	PRESSURE_HAZARD_TY	The code that indicates that this chemical is stored under pressure.
			CHEMICAL REACTIVITY HAZARD CODE(4)	gcas_hz_type_react	The code that represents that this item can react with other items to present a potential hazard.
			CHEMICAL DENSITY RATE(4)	gcas_density	The rate of the weight of the chemical as a percent of the solution.
			CHEMICAL ON-HAND QUANTITY(4)	gcas_curr_woh	The current total weight of the chemical at the installation.
			CHEMICAL USED TODATE QUANTITY(4)	gcas_tot_wgt_used	The current total weight of the chemical used year to date at the installation.
			CHEMICAL MAXIMUM INSTALLATION WEIGHT QUANTITY(4)	gcas_max_wgt	The maximum accumulated amount of the chemical on the installation before it must legally be removed.
			CHEMICAL MAXIMUM WEIGHT OCCURRED DATE(4)	gcas_max_wgt_dt	The date at which the maximum weight of the chemical, on the installation, occurred.
			CHEMICAL EXCEED THRESHOLD CODE(4)	gcas_exceed_tpq	The code that represents that the maximum limits for the installation have been exceeded.
			CHEMICAL VOLATILE ORGANIC COMPOUND CODE(4)	gcas_voc	The code that represents that an item is a Volatile Organic Compound.
			CHEMICAL EXTREMELY HAZARDOUS SUBSTANCE CODE(4)	gcas_ehs	The code that represents that this chemical is extremely hazardous.
			CHEMICAL STATE CODE(4)	STATE_OF_THE_CHEMI	The code describing the state of the chemical.
			CHEMICAL PERMITTED ONSITE QUANTITY(4)	DAYS_CHEMICAL_PERM	The code that represents the number of days a particular accumulation of this chemical is allowed to remain on site.
			CHEMICAL MANUFACTURED QUANTITY(4)	gcas_lb_manuf	The quantity in pounds (for the current year) of the chemical which has been manufactured.
			CHEMICAL PROCESSED QUANTITY(4)	gcas_lb_processed	The quantity in pounds (for the current year) of the chemical which has been processed.
			CHEMICAL OTHERWISE USED QUANTITY(4)	gcas_lb_other_use	The quantity in pounds (for the current year) of the chemical which has been otherwise used.
			CHEMICAL AIR FUGITIVE EMISSION YEAR QUANTITY(4)	gcas_lb_npnt_air	The yearly quantity in pounds of the fugitive air emissions for the chemical.
			CHEMICAL AIR CONTROLLED EMISSION YEAR QUANTITY(4)	gcas_lb_pnt_air	The yearly quantity in pounds of the controlled air emissions for the chemical.
			CHEMICAL WELL INJECTION QUANTITY(4)	gcas_lb_well_injct	The quantity in pounds (for the current year) of the chemical which has been injected into wells.
			CHEMICAL LANDFILL QUANTITY(4)	gcas_lb_landfill	The quantity in pounds (for the current year) of the chemical which has been placed in a landfill.
			CHEMICAL LAND TREATMENT QUANTITY(4)	gcas_lb_land_treat	The quantity in pounds (for the current year) of the chemical which has been subjected to land treatment.
			CHEMICAL SURFACE IMPOUND QUANTITY(4)	gcas_lb_surf_impnd	The quantity in pounds (for the current year) of the chemical which has been subject to surface impoundment.
			CHEMICAL OTHER LAND QUANTITY(4)	gcas_lb_other_land	The quantity in pounds (for the current year) of the chemical which has been subject to other land disposal.
			CHEMICAL TREATMENT WORKS QUANTITY(4)	gcas_lb_potw	The quantity in pounds (for the current year) of the chemical which has been released to a public owned treatment works.
			CHEMICAL RECOVERED ONSITE QUANTITY(4)	gcas_lb_recover_on	The quantity in pounds (for the current year) of the chemical which has been recovered onsite.
			CHEMICAL RECOVER OFFSITE QUANTITY(4)	gcas_lb_recover_of	The quantity in pounds (for the current year) of the chemical which has been recovered offsite.
			CHEMICAL RECYCLED ONSITE QUANTITY(4)	gcas_lb_recycle_on	The quantity in pounds (for the current year) of the chemical which has been recycled onsite.
			CHEMICAL RECYCLED OFFSITE QUANTITY(4)	gcas_lb_recycle_of	The quantity in pounds (for the current year) of the chemical which has been recycled offsite.
			CHEMICAL TREATED ONSITE QUANTITY(4)	gcas_lb_treated_on	The quantity in pounds (for the current year) of the chemical which has been treated onsite.
			CHEMICAL TREATED OFFSITE QUANTITY(4)	gcas_lb_treated_of	The quantity in pounds (for the current year) of the chemical which has been treated offsite.
			CHEMICAL RELEASED QUANTITY(4)	gcas_lb_released	The quantity in pounds (for the current year) of the chemical which has been released to the environment.

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**DESCIM Data Model: hsm00045**

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CHEMICAL(4)	AN ELEMENT OR COMPOUND	gcas	CHEMICAL PRODUCTION RATIO RATE(4)	PRODUCTION_RATIO_	The rate of the current year's production level to last year's.
(continued)	(continued)	(continued)	CHEMICAL SAFE EXPOSURE LIMIT TEXT(4)	OSHA_PERMISSIBLE_E	The highest level of a hazardous material that a worker may be exposed to during normal working conditions.
			CHEMICAL LAST BATCH UPDATE DATE(4)	gcas_batch_dt	The date at which the last average daily balance of a chemical was entered.
			CHEMICAL LAST BATCH UPDATE TIME(4)	gcas_batch_time	The time at which the last average daily balance of a chemical was entered.
			CHEMICAL OCCUPATIONAL SAFETY TEXT(4)	NIOSH_TEXT	The text of the National Institute of Occupational Safety and Health (NIOSH) Number. This is the number assigned by NIOSH to tests made to samplings which recommend e
			CHEMICAL SYNONYM TEXT(4)	SYNONYM1_TEXT	The text of Alternate nomenclature for the chemical.
			CHEMICAL OZONE DEPLETING CHEMICAL CODE(4)	OZONE_DEPLETING_CH	The code which indicates that this is an ozone depleting chemical.
			CHEMICAL REGULATION CODE(4)	CERCLA_102_CODE	The code that denotes that this chemical is regulated by some legislation.
			CHEMICAL ACUTELY HAZARDOUS CODE(4)	RCRA_ACUTELY_HAZAR	The code that represents that this type of chemical is listed as acutely hazardous
			CHEMICAL POTENTIAL INHALATION CODE(4)	POTENTIAL_INHALATI	The code that represents and/or denotes that the chemical presents a hazard through inhalation.
			CHEMICAL POTENTIAL ABSORPTION HAZARD CODE(4)	POTENTIAL_ABSORPTI	The code that represents that the chemical presents a hazard through absorption through the skin.
			CHEMICAL POTENTIAL INGESTION HAZARD CODE(4)	POTENTIAL_INGESTIO	The code that represents that the chemical presents a hazard through ingestion.
			CHEMICAL POTENTIAL CONTACT HAZARD CODE(4)	POTENTIAL_CONTACT_	The code that represents and/or denotes that the chemical presents a hazard through contact to the skin.
			CHEMICAL POTENTIAL MUTAGEN CODE(4)	POTENTIAL_MUTAGEN_	The code that represents that the chemical presents a mutagen hazard.
			CHEMICAL POTENTIAL TERATOGEN CODE(4)	POTENTIAL_TERATOGE	The code that represents that the chemical presents a teratogen hazard.
			CHEMICAL SUSPECTED CARCINOGEN CODE(4)	SUSPECTED_CARCI	The code that represents whether the chemical is a suspected carcinogen or not.
			CHEMICAL CONFIRMED CARCINOGEN CODE(4)	CONFIRMED_CARCI	The code that denotes that this chemical can contribute to the generation of cancer.
			CHEMICAL SKIN CONCENTRATION QUANTITY(4)	ACGIH_SKIN_QUANTIT	This is the upper limit of the skin exposure of a material to which workers can be exposed day after day without any health effects.
			CHEMICAL AIRBORNE CONCENTRATION CEILING QUANTITY(4)	gcas_acgith_tv	This is the upper limit of the Airborne Concentration of a material to which workers can be exposed day after day without any health effects.
			CHEMICAL HYGIENE NOTES TEXT(4)	gcas_th_lts	The text of a memo from the American Conference of Governmental Industrial Hygienists Threshold Limit Value (ACGIH TLV).
			CHEMICAL VAPOR PRESSURE RATE(4)	VAPOR_PRESSURE_RAT	The Pressure Exerted by a Saturated Vapor above its own liquid in a closed container.
			CHEMICAL MOLECULAR WEIGHT(4)	MOLECULAR_WEIGHT	The molecular weight of the chemical.
			CHEMICAL SPECIFIC GRAVITY RATE(4)	CHEMICAL_SPECIFIC_	The rate of the weight of a product compared to an equal volume of water at a constant temperature.
CHEMICAL-HEALTH-CATEGORY(4)	An association between a chemical and a health category.	ghc	HEALTH-CATEGORY IDENTIFIER(4)	ghc_cd	
			CHEMICAL IDENTIFIER(4)	gcas_cas	
CHEMICAL-TREATMENT(4)	A treatment method to reduce the pollutants in a chemical.	mcf	STANDARD-OPERATION IDENTIFIER*	STNDRD_OPRTN_ID	THE IDENTIFIER THAT REPRESENTS A STANDARD-OPERATION.
			CHEMICAL IDENTIFIER(4)	gcas_cas	The identifier that represents a Chemical. Identical to the Chemical Abstract Service Number.
			WASTE-STREAM IDENTIFIER(7)	WASTE_STREAM_ID	
			WORK-CENTER IDENTIFIER*	WRK_CNTR_ID	THE IDENTIFIER THAT REPRESENTS A WORK-CENTER.
			WASTE-PROFILE IDENTIFIER(7)	WASTE_PROFILE_ID	The identifier for a particular Waste Profile.
			WASTE-REDUCTION IDENTIFIER(4)	WASTE_REDUCTION_ID	
			CHEMICAL-TREATMENT INFLUENT CONCENTRATION RATE(4)	mcf_influent	The rate of the Waste Material that flows into the Waste Stream before Treatment.
			CHEMICAL-TREATMENT EFFLUENT CONCENTRATION RATE(4)	mcf_effluent	The rate of the CHEMICAL REMAINING IN Waste Material AFTER TREATMENT
			CHEMICAL-TREATMENT TREATMENT EFFICIENCY ESTIMATE RATE(4)	mcf_efficiency	The rate of Waste Material serving as a pollutant which is removed by this method.
			CHEMICAL-TREATMENT ONSITE TREATMENT CODE(4)	ONSITE_TREATMENT_C	The code that denotes that the waste is treated onsite.
			CHEMICAL-TREATMENT WASTE SYSTEM CODE(4)	CHEMICAL_TREATMENT	The code indicating the type of waste system used for this chemical treatment.

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**DESCIM Data Model: hsm00045**

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CONTAINERIZED-WASTE(7)	An amount of captured material determined to have no further use.	wwo	CONTAINERIZED-WASTE IDENTIFIER(7)	CONTAINERIZED_WAST	
			STANDARD-OPERATION IDENTIFIER*	STNDRD_OPRTN_ID	THE IDENTIFIER THAT REPRESENTS A STANDARD-OPERATION.
			WORK-CENTER IDENTIFIER*	WRK_CNTR_ID	THE IDENTIFIER THAT REPRESENTS A WORK-CENTER.
			WORK-CENTER-RELEASE-ACTION IDENTIFIER(2)	WORK_CENTER_MAINT	The identifier for a particular work center maintenance action.
			HAZARDOUS-WASTE-CONTAINER IDENTIFIER(5)	wci_id	The identifier that represents an assignment of a physical container to one or more waste streams until the physical container is completely cleaned and in a reusable st
			CONTAINERIZED-WASTE COLOR NAME(7)	CONTAINERIZED_WAST	
			CONTAINERIZED-WASTE ORIGINAL WEIGHT(7)	CONTAINERIZED_WAST	
			CONTAINERIZED-WASTE ODOR TEXT(7)	CONTAINERIZED_WAST	
			CONTAINERIZED-WASTE MEASURE UNIT CODE(7)	CONTAINERIZED_WAST	
			WASTE-PROFILE IDENTIFIER(7)	WASTE_PROFILE_ID	The identifier for a particular Waste Profile.
			WASTE-STREAM IDENTIFIER(7)	WASTE_STREAM_ID	
ENVIRONMENTAL-INCIDENT*	A substance, no longer controlled, which is a by-product of a work event.	Release_to_Environ	ENVIRONMENTAL-INCIDENT IDENTIFIER*	ENVIRONMENTAL_INCI	
			CONTAINERIZED-WASTE IDENTIFIER(7)	CONTAINERIZED_WAST	
			STANDARD-OPERATION IDENTIFIER*	STNDRD_OPRTN_ID	THE IDENTIFIER THAT REPRESENTS A STANDARD-OPERATION.
			WORK-CENTER IDENTIFIER*	WRK_CNTR_ID	THE IDENTIFIER THAT REPRESENTS A WORK-CENTER.
			WORK-CENTER-RELEASE-ACTION IDENTIFIER(2)	WORK_CENTER_MAINT	The identifier that represents the WORK-CENTER-RELEASE-ACTION.
			HAZARDOUS-WASTE-CONTAINER IDENTIFIER(5)	wci_id	The identifier that represents an assignment of a physical container to one or more waste streams until the physical container is completely cleaned and in a reusable st
			ENVIRONMENTAL-INCIDENT CAUSE TEXT*	ENVIRONMENTAL_INCI	
			ENVIRONMENTAL-INCIDENT DESCRIPTION TEXT*	ENVIRONMENTAL_INCI	
			ENVIRONMENTAL-INCIDENT INITIAL DATE*	ENVIRONMENTAL_INCI	
			ENVIRONMENTAL-INCIDENT REPORT ACT DATE*	ENVIRONMENTAL_INCI	
			ENVIRONMENTAL-INCIDENT REPORT DATE*	ENVIRONMENTAL_INCI	
			ENVIRONMENTAL-INCIDENT REPORT DUE DATE*	ENVIRONMENTAL_INCI	
			ENVIRONMENTAL-INCIDENT STATUS CODE*	ENVIRONMENTAL_INCI	
			ENVIRONMENTAL-INCIDENT TYPE CODE*	ENVIRONMENTAL_INCI	
			ENVIRONMENTAL-INCIDENT AIR QUANTITY(2)	TO_AIR_QUANTITY	The quantity of chemical released to air in this work event.
			ENVIRONMENTAL-INCIDENT LAND QUANTITY(2)	TO_LAND_QUANTITY	The quantity of chemical released to land in this work event.
			ENVIRONMENTAL-INCIDENT CAPTURED QUANTITY(2)	DISPOSED_QUANTITY	The quantity of Waste Material (such as Smoke, Liquid Industrial Refuse or Sewage) captured for waste disposal.
			ENVIRONMENTAL-INCIDENT LOST QUANTITY(2)	LOST_QUANTITY	The quantity of pollutant Waste Material (such as Smoke, Liquid Industrial Refuse or Sewage) discharged to the environment, but unaccounted for in the land, air, water
			ENVIRONMENTAL-INCIDENT WATER QUANTITY(2)	TO_WATER_QUANTITY	The quantity of chemical released to water in this work event.
FACILITY*	REAL PROPERTY, HAVING A SPECIFIED USE, THAT IS BUILT OR MAINTAINED BY PEOPLE.	FACILITY	FACILITY IDENTIFIER*	FAC_ID	THE IDENTIFIER THAT REPRESENTS A FACILITY.
			LOCATION IDENTIFIER*	LOC_ID	THE IDENTIFIER THAT REPRESENTS A SPECIFIC LOCATION.
HAZARDOUS-WASTE-CONTAINER(5)		wci_&_wcid_&_wcih	HAZARDOUS-WASTE-CONTAINER IDENTIFIER(5)	wci_id	The identifier that represents an assignment of a physical container to one or more waste streams until the physical container is completely cleaned and in a reusable st
			WORK-CENTER IDENTIFIER*	WRK_CNTR_ID	THE IDENTIFIER THAT REPRESENTS A WORK-CENTER.
			WASTE-SHIPMENT-AUTHORIZATION IDENTIFIER(1)	wdd_num	The identifier for the authorization to transport hazardous waste.
			HAZARDOUS-WASTE-CONTAINER STATUS CODE(5)	wci_wcs_cd	The code that represents the situation regarding the availability of the container for use.
			HAZARDOUS-WASTE-CONTAINER OVERPACK DATE(5)	wci_overpack_dt	The date on which oneContainer and its Contents have been Packed into Another Container.

**Appendix D**  
**DESCIM Data Model: hsm00045**

ENTITY NAME	ENTITY DEFINITION	TABLE NAME	ATTRIBUTE (LOGICAL)	ATTRIBUTE (PHYSICAL)	ATTRIBUTE DEFINITION
HAZARDOUS-WASTE-CONTAINER(5)  (continued)		wci_ & wcid_ & wcih  (continued)	HAZARDOUS-WASTE-CONTAINER TYPE TEXT(5)	CONTAINER_TYPE_TEX	The text describing the type of storage container.
			HAZARDOUS-WASTE-CONTAINER CURRENT WEIGHT MEASURE UNIT CODE(5)	UNIT_OF_MEASURE_Q	The code indicating the measurement unit used for the current weight of the container.
			HAZARDOUS-WASTE-CONTAINER ACTUAL VOLUME(5)	wci_actual_vol	The total Volume occupied by Waste placed in the Container.
			HAZARDOUS-WASTE-CONTAINER ACTUAL VOLUME MEASURE UNIT CODE(5)	VOLUME_UNIT_OF_MEA	The code for the unit of measure used for the actual volume of the container.
			HAZARDOUS-WASTE-CONTAINER ACCUMULATION START DATE(5)	wci_start_dt	The date at which the container begins to acquire waste.
			HAZARDOUS-WASTE-CONTAINER FILL DATE(5)	wci_fill_dt	The date at which the container was closed to the further addition of waste.
			HAZARDOUS-WASTE-CONTAINER DISPOSAL CERTIFICATE DATE(5)	wci_disposal_dt	The date the Disposal Certificate is received.
			HAZARDOUS-WASTE-CONTAINER CURRENT WEIGHT(5)	wci_current_wt	The weight of the container at a specific point in time.
			HAZARDOUS-WASTE-CONTAINER FIRST STORAGE DATE(5)	wci_storage_dt1	The date at which the container will exceed the 30 day storage period.
			HAZARDOUS-WASTE-CONTAINER SECOND STORAGE DATE(5)	wci_storage_dt2	The date at which the container will exceed the 90 day storage period.
			HAZARDOUS-WASTE-CONTAINER STORAGE FACILITY TYPE TEXT(5)	wci_wsf_t_cd	The text describing the type of storage facility required for this container.
			HAZARDOUS-WASTE-CONTAINER SHIPPED DATE(5)	wci_disposal_dt	The date at which a container was shipped off the installation.
			HAZARDOUS-WASTE-CONTAINER DATA SOURCE TEXT(5)	wci_data_source	The text of source of the information regarding the container.
			HAZARDOUS-WASTE-CONTAINER COMMENT TEXT(5)	wci_comment	The text of pertinent information regarding the container and not captured in any other way.
			HAZARDOUS-WASTE-CONTAINER DISPOSITION TYPE TEXT(5)	DISPOSITION_TYPE_T	The text describing the type of Disposition that indicates what action has been taken with the Waste identified.
			HAZARDOUS-WASTE-CONTAINER DISPOSITION DATE(5)	DISPOSITION_DATE	The date at which the container is removed from the premises, or capped, etc.
			HAZARDOUS-WASTE-CONTAINER TRANSPORTATION CODE(5)	DOT_CONTAINER_CODE	The code that represents a container required for transportation.
			HAZARDOUS-WASTE-CONTAINER ACTION TEXT(5)	ACTION_TEXT	The text of Activity affecting a hazardous waste container.
			HAZARDOUS-WASTE-CONTAINER OWNER NAME(5)	OWNER_NAME	The name of the party responsible for the container.
			HAZARDOUS-WASTE-CONTAINER ACTION DATE(5)	ACTION_DATE	The date at which a particular action was taken.
			HAZARDOUS-WASTE-CONTAINER WASTE CODE(5)	WASTE_CODE	The code that denotes a State Environmental Protection Agency Waste.
			Custody-Receiving	PN_ID	THE IDENTIFIER THAT REPRESENTS A HUMAN BEING.
			HAZARDOUS-WASTE-CONTAINER CERTIFICATE CODE(5)	CERTIFICATION_OF_D	The code that represents a requirement for a certificate verifying that the hazardous waste container was transferred to a disposal site.
			HAZARDOUS-WASTE-CONTAINER ANALYSIS REQUIRED CODE(5)	wci_analysis	The code that represents that an analysis of the contents of the container is required.
			HAZARDOUS-WASTE-CONTAINER TOTAL VOLUME(5)	wci_size	The volume capacity of the container.
			HAZARDOUS-WASTE-CONTAINER WEIGHT(5)	wci_original_wt	The weight of the container.
			HAZARDOUS-WASTE-CONTAINER TOTAL VOLUME MEASURE UNIT CODE(5)	HAZARDOUS_WASTE_CO	The code indicating the measurement unit used for the capacity of the container.
			HAZARDOUS-WASTE-CONTAINER WEIGHT MEASURE UNIT CODE(5)	HAZARDOUS_WASTE_CO	The code for the unit of measure used for the weight of the container.
HEALTH-CATEGORY(4)	The bio-environmental engineering factors which reflect the health or environmental risks associated with a specific hazardous material or chemical.	ghc	HEALTH-CATEGORY IDENTIFIER(4 )	ghc_cd	The identifier that represents a health category.
			HEALTH-CATEGORY DESCRIPTION TEXT(4)	ghc_desc	The text of additional information regarding the health category.
STANDARD-OPERATION*	AN ESTABLISHED PROCEDURE FOR ACCOMPLISHING A UNIT OF WORK.	ppg	STANDARD-OPERATION IDENTIFIER*	STNDRD_OPRTN_ID	THE IDENTIFIER THAT REPRESENTS A STANDARD-OPERATION.
			STANDARD-OPERATION DESCRIPTION TEXT*	STNDRD_OPRTN_D0_TX	THE TEXT THAT DESCRIBES A STANDARD-OPERATION.
			STANDARD-OPERATION ENERGY CATEGORY CODE(2)	NEESA_CATEGORY_TEX	The code which defines a category of waste streams.

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**DESCIM Data Model: hsm00045**

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WASTE-PROFILE(7)	The CHARACTERISTICS of a WASTE.	wpf	WASTE-PROFILE IDENTIFIER(7)	WASTE_PROFILE_ID	The identifier for a particular Waste Profile.
			WASTE-PROFILE NAME(7)	NAME	The name of the profile.
			WASTE-PROFILE ORGANIC CODE(7)	ORGANIC__CODE	The code that represents that the waste is in an organic state.
			WASTE-PROFILE TOXIC ACT CODE(7)	TSCA_WASTE__CODE	The code that represents that the Waste falls under the Toxic Substance Control Act.
			WASTE-PROFILE SUPERFUND CODE(7)	SUPERFUND_LOGICAL_	The code that represents that this Waste is regulated by the Superfund.
			WASTE-PROFILE CHARACTERIZATION METHOD TEXT(7)	METHOD_OF_CHARACTE	The text describing the method used to determine the character of the waste stream.
			WASTE-PROFILE ANALYSIS TEXT(7)	ANALYST_CHARACTERI	The text of the results of analysis of the contents of the waste stream.
			WASTE-PROFILE RECOVERY ACT CODE(7)	RCRA__CODE	The code that represents that this type of waste is listed as acutely hazardous.
			WASTE-PROFILE STATE HAZARDOUS CODE(7)	STATE_HAZARDOUS__	The code that represents that the Waste is considered Hazardous by the State.
			WASTE-PROFILE DISPOSAL METHOD TEXT(7)	DISPOSAL_METHOD_TE	The text of the disposal method specified for this type of waste.
			WASTE-PROFILE EXCEPTION STATUS TEXT(7)	EXCEPTION_STATUS_T	The text of allowable exceptions to standard handling of the waste.
			WASTE-PROFILE TREATMENT STANDARD STATUS TEXT(7)	TREATMENT_STANDARD	The text of the status of the reference relied upon for this treatment method.
			WASTE-PROFILE TREATMENT STANDARD REFERENCE TEXT(7)	TREATMENT_STANDARD	The text of the reference for elaboration of this treatment method.
			WASTE-PROFILE PHYSICAL STATE TEXT(7)	PHYSICAL_STATE_TEX	The text describing the physical state of waste profiled.
			WASTE-PROFILE TREATMENT GROUP NAME(7)	TREATMENT_GROUP_NA	The name of the treatment group for this type of waste.
			WASTE-PROFILE FLASHPOINT TEMPERATURE(7)	FLASHPOINT_TEMPERA	The lowest temperature at which this kind of waste will ignite.
			WASTE-PROFILE PHENOLICS CODE(7)	PHENOLICS__CODE	The code that represent whether phenolics are present in the waste.
			WASTE-PROFILE HALOGENS CODE(7)	HALOGENS__CODE	The code that represents whether the waste can contain halogens.
			WASTE-PROFILE VOLATILE ORGANIC CONTENTS CODE(7)	VOLATILE_ORGANIC_C	The code that represents that the item is a Volatile Organic Compound.
			WASTE-PROFILE SHIPPING-NAME TEXT(7)	DOT_SHIPPING_NAME	The text which applies to the object(s), containing additional descriptive information.
			WASTE-PROFILE LABEL CODE(7)	DOT_LABEL_TEXT	The code indicating the hazard label information, mandated by the Department of Transportation, which applies to the obejct(s).
			WASTE-PROFILE SHIPMENT METHOD TEXT(7)	METHOD_OF_SHIPMENT	The text of the method used to ship this type of waste.
			WASTE-PROFILE SPECIAL HANDLING TEXT(7)	SPECIAL_HANDLING_I	The text of information which can help the user prepare Procedures for Handling, Mixing, Storing or Using the substance.
			WASTE-PROFILE CERTIFICATION BASIS TEXT(7)	BASIS_FOR_CERTIFIC	The text describing the source of the analysis for the waste profile.
			WASTE-PROFILE COLOR NAME(7)	COLOR_NAME_2	The name of the color the waste should have.
			WASTE-PROFILE CORROSIVE CODE(7)	CORROSIVE__CODE	The code that represents that the waste is corrosive.
			WASTE-PROFILE DIOXIN CODE(7)	DIOXIN__CODE	The code that represents that the waste referenced contains dioxin.
			WASTE-PROFILE ETIOLOGICAL CODE(7)	ETIOLOGICAL__CODE	The code that represents an etiological waste.
			WASTE-PROFILE EXEMPTED CODE(7)	EXEMPTED__CODE	The code that represents an exemption from standard handling of the waste.
			WASTE-PROFILE EXPLOSIVE CODE(7)	EXPLOSIVE__CODE	The code that represents that the waste profiled is explosive.
			WASTE-PROFILE FREE LIQUIDS CODE(7)	FREE_LIQUIDS__CODE	The code that represents that the waste profiled contains free liquids.
			WASTE-PROFILE WASTE GRAVITY RATE(7)	GRAVITY_OF_WASTE_Q	The rate of specific gravity of the waste.
			WASTE-PROFILE LAND BAN CODE(7)	LAND_BAN__CODE	The code that represents that waste of this type cannot be placed untreated in landfills.
			WASTE-PROFILE ODOR TEXT(7)	ODOR_TEXT	The text describing the Smell of the substance.
			WASTE-PROFILE PH TEXT(7)	PH_TEXT_2	The text of the relationship of the Hydrogen Ion concentration to that of a given standard solution.
			WASTE-PROFILE PYROPHORIC CODE(7)	PYROPHORIC__CODE	The code which indicates that the material is pyrophoric.
			WASTE-PROFILE RADIOACTIVE CODE(7)	RADIOACTIVE__CODE	The code that represents that this type of waste is radioactive.

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WASTE-PROFILE(7)	The CHARACTERISTICS of a WASTE.	wpf	WASTE-PROFILE REACTIVE AIR CODE(7)	REACTIVE_AIR__CODE	The code which indicates that this waste can react with air.
(continued)	(continued)	(continued)	WASTE-PROFILE REACTIVE CYANIDE CODE(7)	REACTIVE_CYANIDE__	The code that represents that this type of waste reacts to generate cyanide.
			WASTE-PROFILE REACTIVE SULFIDE CODE(7)	REACTIVE_SULFIDE__	The code that represents that this type of waste reacts to generate sulfide.
			WASTE-PROFILE REACTIVE WATER CODE(7)	REACTIVE_WATER__CO	The code that represents that this type of waste reacts with water.
			WASTE-PROFILE SHOCK SENSITIVE CODE(7)	SHOCK_SENSITIVE__C	The code that represents that this type of waste reacts to shock.
			WASTE-PROFILE TOTAL HALOGENS QUANTITY(7)	TOTAL_HALOGENS_QUA	The quantity of halogens in waste of this type.
			WASTE-PROFILE TOTAL SOLIDS QUANTITY(7)	TOTAL_SOLIDS_QUANT	The quantity of solids in waste of this type.
			WASTE-PROFILE TOXIC CODE(7)	TOXIC__CODE	The code that represents and/or denotes that waste referenced by this profile is toxic.
			WASTE-PROFILE TOXICITY CHARACTERISTICS TEXT(7)	TOXICITY_CHARACTER	The text of the characteristics of the toxins related to the waste.
			WASTE-PROFILE LOWER EXPLOSIVE LIMIT TEXT(7)	LOWER_EXPLOSIVE_LI	The text describing the lowest quantity of waste that will produce a Flash of Fire when an Ignition Source is present.
			WASTE-PROFILE UPPER EXPLOSIVE LIMIT TEXT(7)	UPPER_EXPLOSIVE_LI	The text describing the highest concentration (highest percentage of the substance in air) that will produce a Flash of Fire when an Ignition Source (heat, arc, or fla
			WASTE-PROFILE HAZARD CLASSIFICATION TEXT(7)	DOT_HAZARD_CLASSIF	The text of the Hazard classification which applies to the waste.
			WASTE-PROFILE MARINE POLLUTANT CODE(7)	WASTE_PROFILE_MARI	The code which indicates that the waste is considered a marine pollutant.
			WASTE-PROFILE WASTE FORM CODE(7)	WASTE_PROFILE_WAST	The code indicating the form of the waste.
			WASTE-PROFILE HEAT QUANTITY(7)	WASTE_PROFILE_HEAT	The quantity of british thermal units which can be generated by this waste.
			WASTE-PROFILE ASH QUANTITY(7)	WASTE_PROFILE_ASH_	The quantity of ash which is generated from this waste.
			WASTE-PROFILE SULPHUR QUANTITY(7)	WASTE_PROFILE_SULP	The quantity of sulphur which is generated by this waste.
			WASTE-PROFILE ANTICIPATED ANNUAL VOLUME QUANTITY(7)	WASTE_PROFILE_ANTI	The anticipated yearly quantity of this waste.
			WASTE-PROFILE ANTICIPATED ANNUAL VOLUME MEASURE UNIT CODE(7)	WASTE_PROFILE_ANTI	The code indicating the measurement unit for the anticipated annual volume quantity of this waste.
WASTE-PROFILE-CHEMICAL(4)	An association between a waste profile and a chemical.	Waste_Profile_Chem	CHEMICAL IDENTIFIER(4)	gcas_cas	The identifier that represents a(n) CHEMICAL.
			WASTE-PROFILE IDENTIFIER(7)	WASTE_PROFILE_ID	The identifier that represents a(n) WASTE-PROFILE.
WASTE-REDUCTION(4)	A summary of efforts to reduce the releases of specific chemicals.	wsre	CHEMICAL IDENTIFIER(4)	gcas_cas	
			WORK-CENTER IDENTIFIER*	WRK_CNTR_ID	THE IDENTIFIER THAT REPRESENTS A WORK-CENTER.
			WASTE-REDUCTION IDENTIFIER(4)	WASTE_REDUCTION_ID	The identifier for a particular method of waste reduction.
			STANDARD-OPERATION IDENTIFIER*	STNDRD_OPRTN_ID	THE IDENTIFIER THAT REPRESENTS A STANDARD-OPERATION.
			WASTE-REDUCTION RELEASED ESTIMATE QUANTITY(4)	LBS_RELEASED_ESTIM	The quantity of pounds (for the current year) of the chemical waste which has been released through this process.
			WASTE-REDUCTION RECOVERED ONSITE QUANTITY(4)	LBS_RECOVERED_ONSI	The quantity of pounds (for the current year) of the chemical waste which has been reduced in this process by recovering it onsite.
			WASTE-REDUCTION RECOVERED OFFSITE QUANTITY(4)	LBS_RECOVERED_OFFI	The quantity of pounds (for the current year) of the chemical waste which has been reduced in this process by recovering it offsite.
			WASTE-REDUCTION RECYCLED ONSITE QUANTITY(4)	LBS_RECYCLED_ONSIT	The quantity of pounds (for the current year) of the chemical waste which has been reduced in this process by recycling it onsite.
			WASTE-REDUCTION RECYCLED OFFSITE QUANTITY(4)	LBS_RECYCLED_OFFSI	The quantity of pounds (for the current year) of the chemical waste which has been reduced in this process by recycling it offsite.
			WASTE-REDUCTION TREATED ONSITE QUANTITY(4)	LBS_TREATED_ONSITE	The quantity of pounds (for the current year) of the chemical waste of the process which has been treated onsite.
			WASTE-REDUCTION TREATED OFFSITE QUANTITY(4)	LBS_TREATED_OFFSIT	The quantity of pounds (for the current year) of the chemical waste of the process which has been treated offsite.
			WASTE-REDUCTION WELL INJECTION QUANTITY(4)	WELL_INJECTION_QUA	The quantity of pounds (for the current year) of the chemical waste of the process which has been injected into wells.
			WASTE-REDUCTION LANDFILL QUANTITY(4)	LANDFILL_QUANTITY	The quantity of pounds (for the current year) of the chemical waste of the process which has been put in landfills.
			WASTE-REDUCTION LAND TREATMENT QUANTITY(4)	LAND_TREATMENT_QUA	The quantity of pounds (for the current year) of the chemical waste of the process which has been subject to land treatment.
			WASTE-REDUCTION OTHER LAND DISPOSAL QUANTITY(4)	OTHER_LAND_DISPOSA	The quantity in pounds (for the current year) of the chemical waste of this process which has been subject to other land disposal.

**Appendix D**  
**DESCIM Data Model: hsm00045**

ENTITY NAME	ENTITY DEFINITION	TABLE NAME	ATTRIBUTE (LOGICAL)	ATTRIBUTE (PHYSICAL)	ATTRIBUTE DEFINITION
WASTE-STREAM(7)	A solid, liquid or gaseous discharge of waste materials either captured, treated or released. A series of waste items from a single process or an installation which co	wvs	WASTE-STREAM IDENTIFIER(7)	WASTE_STREAM_ID	The identifier that represents a particular waste stream.
			WORK-CENTER IDENTIFIER*	WRK_CNTR_ID	THE IDENTIFIER THAT REPRESENTS A WORK-CENTER.
			WASTE-PROFILE IDENTIFIER(7)	WASTE_PROFILE_ID	The identifier for a particular Waste Profile.
			STANDARD-OPERATION IDENTIFIER*	STNDRD_OPRTN_ID	THE IDENTIFIER THAT REPRESENTS A STANDARD-OPERATION.
			WASTE-STREAM NAME(7)	NAME_4	The name of the waste stream.
			WASTE-STREAM HAZARD CODE(7 )	HAZARD_CODE	The code that represents that the waste in the stream is hazardous.
			WASTE-STREAM STORAGE CODE(7)	STORAGE_CODE	The code that represents the Storage Code for this type of waste.
			WASTE-STREAM CONTAINER ACCUMULATION PERIOD QUANTITY(7)	MAX_ACCUMULATION_D	The maximum quantity of days a container can accumulate the Waste Identified from the day accumulation started.
			WASTE-STREAM ON-SITE ACCUMULATION PERIOD QUANTITY(7)	MAX_DAYS_ALLOWED_O	The quantity of days an actual waste in this stream can remain on the installation before it must legally be removed.
			WASTE-STREAM ON-SITE ALLOWABLE VOLUME(7)	MAX_VOLM_ALLOWED_O	The volume of accumulated actual waste on the installation before it must legally be removed.
			WASTE-STREAM ON-SITE ALLOWABLE VOLUME MEASURE UNIT CODE(7)	MAX_VOLUME_UNIT_ME	The unit of measure of the maximum volume allowed on base parameter.
			WASTE-STREAM REPORTABLE SPILL QUANTITY(7)	REPORTABLE_SPILL__	The minimum quantity of spilled waste which must be reported as a Spill.
			WASTE-STREAM SAMPLE ANALYSIS CODE(7)	SAMPLE_ANALYSIS_CO	The code that represents that the waste stream has been analyzed.
			WASTE-STREAM DISPOSAL COST AMOUNT(7)	DISPOSAL_COST_AMOU	The standard amount of cost to dispose of waste of this type.
			WASTE-STREAM OPTIMAL DISPOSAL QUANTITY(7)	DISPOSAL_QUANTITY	The optimal quantity at which this type of waste is disposed of.
			WASTE-STREAM DISPOSAL MEASURE UNIT CODE(7)	DISPOSAL_UNIT_OF_M	The unit of measure by which this waste stream is categorized.
			WASTE-STREAM SAMPLE DATE(7 )	SAMPLE_DATE	The date at which the waste stream has been analyzed.
			WASTE-STREAM WASTE FORM CODE(7)	WASTE_FORM_code	The code that denotes the form of the waste-stream.
			WASTE-STREAM CHARACTERIZATION METHOD TEXT(7)	METHOD_OF_CHARACTE	The text describing the method used to determine the character of the waste stream.
			WASTE-STREAM STATE HAZARDOUS CODE(7)	STATE_HAZARDOUS__C	The code that represents that the Waste is considered Hazardous by the State.
			WASTE-STREAM LANDBAN CODE(7)	LANDBAN_CODE	The code that represents that this waste cannot be placed untreated in landfills.
			WASTE-STREAM LIQUID PERCENT RATE(7)	LIQUID__PERCENT_RA	The rate of the waste that is in a liquid State.
			WASTE-STREAM SOLID PERCENT RATE(7)	SOLID__PERCENT_RAT	The Percentage of the waste that is in a solid State.
			WASTE-STREAM GAS PERCENT RATE(7)	GAS__PERCENT_RATE	The Percentage of the waste that is in a Gas State.
			WASTE-STREAM SLUDGE PERCENT RATE(7)	SLUDGE_PERCENT__RA	The percentage of the waste that is sludge.
			WASTE-STREAM DISPOSAL CODE(7)	EPA_DISPOSAL_CODE	The code that represents the type of disposal methods allowed.
			WASTE-STREAM MEMO TEXT(7)	MEMO_TEXT_2	The text of additional information regarding the item.
WORK-CENTER*	A CONCENTRATION OF RESOURCES WITH SIMILAR CAPABILITIES, CONSIDERED ONE UNIT FOR MANAGEMENT PURPOSE.	gloc_&_wstf	WORK-CENTER IDENTIFIER*	WRK_CNTR_ID	THE IDENTIFIER THAT REPRESENTS A WORK-CENTER.
			FACILITY IDENTIFIER*	FAC_ID	THE IDENTIFIER THAT REPRESENTS A FACILITY.
			WORK-CENTER BUILDING IDENTIFIER(6)	BUILDING_IDENTIFIE	The identifier for a particular building containing a work-center.
			WORK-CENTER ROOM IDENTIFIER(6)	ROOM_IDENTIFIER	The identifier for a particular room in the work-center.
			WORK-CENTER FLOOR IDENTIFIER(6)	FLOOR_IDENTIFIER	The identifier for the particular floor of a work-center.
			WORK-CENTER LOCATION DESCRIPTION TEXT(6)	LOCATION_DESCRIPTOR	The text describing the location of the work-center.
			WORK-CENTER OPERATIONAL PERIOD TEXT(6)	OPERATIONAL_HOURS_	The text describing the operational hours of the work-center.
			WORK-CENTER NAME*	WRK_CNTR_NM	THE NAME OF A WORK-CENTER.
			WORK-CENTER TELEPHONE IDENTIFIER(6)	TELEPHONE_IDENTIFI	The identifier for a work-center telephone.
			WORK-CENTER OPERATIONS TEXT(6)	TYPE_OF_OPERATIONS	The text describing the type of operations conducted at the work center.
			WORK-CENTER OFFICE SYMBOL IDENTIFIER(6)	OFFICE_SYMBOL_IDEN	The identifier for the particular office in the work-center.
			WORK-CENTER ENVIRONMENTAL REVIEW NAME(6)	ENVIRONMENTAL_REVI	The name of the environmental review of the work-center.

**Appendix D**  
**DESCIM Data Model: hsm00045**

ENTITY NAME	ENTITY DEFINITION	TABLE NAME	ATTRIBUTE (LOGICAL)	ATTRIBUTE (PHYSICAL)	ATTRIBUTE DEFINITION
WORK-CENTER*  (continued)	A CONCENTRATION OF RESOURCES WITH SIMILAR CAPABILITIES, CONSIDERED ONE UNIT FOR MANAGEMENT PURPOSE. (continued)	gloc_&_wsft  (continued)	WORK-CENTER ENVIRONMENTAL REVIEW DATE(6)	ENVIRONMENTAL_REVI	The date of the environmental review of the work-center.
			WORK-CENTER ENVIRONMENTAL REMARKS TEXT(6)	ENVIRONMENTAL_REMA	The text of additional information regarding environmental considerations of the work location.
			WORK-CENTER NEXT ACTION TEXT(6)	NEXT_ACTION_TEXT	The text describing the next action required by environmental review for this work-location.
			WORK-CENTER NEXT ACTION DATE(6)	NEXT_ACTION_DATE	The date when or on which the next environmental action is required for the work-center.
WORK-CENTER-RELEASE-ACTION(2)	An actual activation of a process at a work center which results in the creation of by-products.	mpo	STANDARD-OPERATION IDENTIFIER*	STNDRD_OPRTN_ID	THE IDENTIFIER THAT REPRESENTS A STANDARD-OPERATION.
			WORK-CENTER IDENTIFIER*	WRK_CNTR_ID	THE IDENTIFIER THAT REPRESENTS A WORK-CENTER.
			WORK-CENTER-RELEASE-ACTION IDENTIFIER(2)	WORK_CENTER_MAINTA	The identifier that represents the WORK-CENTER-RELEASE-ACTION.
			HAZARDOUS-WASTE-CONTAINER-HISTORICAL-EVENT IDENTIFIER(2)	HAZARDOUS_WASTE_CO	
			HAZARDOUS-WASTE-CONTAINER IDENTIFIER(5)	wci_id	The identifier that represents a(n) assignment of a physical container to a particular waste stream until the physical container is completely cleaned and in a reusable
			WORK-CENTER-RELEASE-ACTION START DATE(2)	STARTING_DATE	The date at which the process began.
			WORK-CENTER-RELEASE-ACTION END DATE(2)	ENDING_DATE	The date when the process was completed.
			WORK-CENTER-RELEASE-ACTION START TIME(2)	STARTING_TIME	The time at which the process began.
			WORK-CENTER-RELEASE-ACTION END TIME(2)	ENDING_TIME	The time when the process was completed.
			PERSON IDENTIFIER*	PN_ID	THE IDENTIFIER THAT REPRESENTS A HUMAN BEING.
			WORK-CENTER IDENTIFIER*	WRK_CNTR_ID	THE IDENTIFIER THAT REPRESENTS A WORK-CENTER.
			STANDARD-OPERATION IDENTIFIER*	STNDRD_OPRTN_ID	THE IDENTIFIER THAT REPRESENTS A STANDARD-OPERATION.
WORK-CENTER-STANDARD-OPERATION*	THE ASSOCIATION THAT IDENTIFIES A WORK-CENTER THAT CAN PERFORM SPECIFIC STANDARD-OPERATIONS.	pps	WORK-CENTER-STANDARD-OPERATION NAME(2)	NAME	The name of the process.
			WORK-CENTER-STANDARD-OPERATION DATE*	WRK_CNTR_STNDR0_DT	THE DATE A WORK-CENTER IS APPROVED TO PERFORM A STANDARD-OPERATION.
			WORK-CENTER-STANDARD-OPERATION TANK IDENTIFIER(2)	pps_tank_num	The identifier that represents a tank used in the process.
			WORK-CENTER-STANDARD-OPERATION FINAL APPROVAL TEXT(2)	FINAL_APPROVAL_FOR	The text indicating that a proposed process has been approved.
			WORK-CENTER-STANDARD-OPERATION PROCESS HEAT RANGE TEXT(2)	pps_temp_deg_f	The text conveying the temperature range within which the process may operate.
			WORK-CENTER-STANDARD-OPERATION MONITORING METHOD TEXT(2)	pps_mntr_meth	The text of the method used to determine the status of the process.
			WORK-CENTER-STANDARD-OPERATION MONITORING SCHEDULE TEXT(2)	pps_mntr_schd	The text of the schedule for monitoring this process.
			WORK-CENTER-STANDARD-OPERATION REMARKS TEXT(2)	pps_comment	The text of additional information regarding this particular process.
			WORK-CENTER-STANDARD-OPERATION BIOLOGICAL PROCESS CODE(2)	BIOLOGICAL_PROCESS	The code that represents that the process has biological components or filters.
			WORK-CENTER-STANDARD-OPERATION NEW PROCESS CODE(2)	NEW_PROCESS_CODE	The code that represents that this is a new local work process.
			WORK-CENTER-STANDARD-OPERATION DELETE REASON TEXT(2)	DELETE_REASON_TEXT	The text that describes the reason a process is no longer performed at this installation.
			WORK-CENTER-STANDARD-OPERATION AUTHORIZATION STATUS TEXT(2)	pps_auth	The text discussing whether the work process is, or will be, authorized.
			WORK-CENTER-STANDARD-OPERATION JUSTIFICATION TEXT(2)	JUSTIFICATION_TEXT	The text of reasons to allow the process.
			PERSON IDENTIFIER*	PN_ID	THE IDENTIFIER THAT REPRESENTS A HUMAN BEING.
			EMISSION-ACTIVITY-PROFILE DESCRIPTION TEXT(2)	DESCRIPTION_TEXT_4	The text of additional information regarding the local work process.
			Permit-Issuing-Organization*	ORGANIZATION_IDENT	The identifier for a particular organization.